

Innovative Regenerative Medicine Technology

Platelet Rich Plasma (PRP) Technologies.

A Powerful Treatment That's Derived From Your Own Blood



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EyCyte Corporation and APAC International are very proud to introduce innovative new Platelet Rich Plasma (PRP) Technologies to Korea.

About Platelet Rich Plasma (PRP)

A surgical procedure can bring both uneasiness and concern. Achieving the most favorable surgical outcome will be your main priority. Throughout the years, much research has been done on improving the healing of surgical wounds, which means minimizing infection, swelling, pain, bruising, and scarring, while improving wound closure and incision lines. It is documented that Platelet Rich Plasma can be the single solution to all of these desired outcomes. Platelet Rich Plasma is 100% biocompatible and safe. It poses absolutely no infectious risk to the patient because it is made from the patient's own plasma. No time-consuming visits to the blood bank for pre-donation is required, and all the remarkable benefits of enhanced and superior wound healing is easily achieved for a markedly improved surgical outcome.

Benefit of PRP

It is established that the biological effects of platelet rich plasma on the process of tissue regeneration is significant. Published data suggests the true benefits of platelet rich plasma are the following,

- Dramatic reduction in pain of the treated area
- Accelerated tissue and bone regeneration
- Stimulated angiogenesis (blood vessel growth improving circulation)
- Enhanced collagen synthesis (promotion of healthy joints)
- Decreased scarring of the skin
- Enhanced hemostatic response (reduce surgical bleeding)
- Reverse the inhibition of wound healing caused by glucocorticoids
- High leukocyte concentration (fight infection)
- Rapid wound closure
- No risk of infectious disease transmission
- Point of care, no pre-donation

PRP Treatment Indication

- Sports Injuries
- Degenerative Joint
- Cosmetic Surgery
- Orthopedic Surgery
- CV & vascular Surgery
- Chronic Wounds

EmCyte corporation is pioneer of PRP field in U.S.A. EmCyte corporation has developed innovative and practical PRP device.

1. GenesisCS Performance Centrifuge

SKU: 755VES



Product Details

The GenesisCS Centrifuge Machine is built for versatility and performance. The carrier buckets are adapted to carry a variety of PRP disposable systems without modification, including Secquire and others. The system offers programming control over almost every aspect of the unit's operation from variable acceleration and deceleration to easy time and speed input. High speed and force capability produces platelet-rich and platelet free plasma in greatly reduced processing times. The exclusive horizontal rotor allows for quick and easy sample loading and complete horizontal separation. Save settings in one of 10 memory locations and recall them at the touch of a button.

SUPPLIED ACCESSORIES (STANDARD)

One (1) four place horizontal rotor

Four (4) carrier buckets

One (1) power cord

One (1) instruction manual

9 x14.5 x17 inches

1/2 H.P. Brushless DC

4 Amp. re-settable

PRODUCT SPECIFICATIONS Overall Dimensions:

Electronic, with hold or 0 to 99 minutes, +/- 1%

Centrifuge Motor:

39 lbs.

Protection Breaker:

Timer:

Weight:

Permitted Environmental Conditions

Ambient Temperature During Operation: 2 degrees C - 35 degrees C

Maximum Relative Air Humidity: 90%

Electrical Requirements

Power (Watts): 200

Voltage (Volts): standard: 115 (+/- 10) optional: 100 (+/- 10), 230 (+/- 20)

Frequency (Hz): 50/60

2. GenesisCS MINI Component Concentrating System

SKU: GS302



A lighter and smaller system with a powerful punch of productivity and performance. The GenesisCS MINI matches the performance and quality indicators of the GenesisCS Concentrating System in every way

Product Details

Point-of-care processing is a safe and efficient way to treat patients requiring autologous regenerative therapies. We have come to appreciate the fact that most patients will benefit from point-of-care processing in a physician's office or outpatient surgical center. With this in mind EmCyte Corporation has developed the GenesisCS MINI Component Concentrating System. Utilizing 30ml separator tubes and a smaller custom performance centrifuge system, the GenesisCS MINI has become the hallmark of a true point-of-care low volume system. GenesisCS Mini is made of materials that cause no activation during processing assuring the most viable product for application. GenesisCS Mini can process your final product on the surgical field after centrifugation. This single feature eliminates transfer contamination which can occur when the circulating nurse transfers plasma cell concentrate from a syringe into a sterile specimen cup on the surgical field. This feature also allow the components to remain separated out in the blood, in its native pH, until you are ready for application

PRODUCT HIGHLIGHTS

8 FOLD 1ML PLATELET BULLET (STRONG TREATMENT FOR SMALL WOUNDS)

15 MINUTE SINGLE SPIN

TWO STERILE BARRIER ENTRIES (LEAST OF ALL SYSTEMS)

ZERO BRAKING (OPTIMIZES SEPARATION)

SELECTABLE CONCENTRATIONS & VOLUMES

CLOSED SYSTEM PROCESSING (MAINTAINS STERILITY)

HIGHLY CONSISTENT & REPRODUCIBLE RESULTS

MAXIMUM CONTROL AT YOUR FINGER TIPS

MOUNT ON ANY IV POLE ON THE HEART LUNG MACHINE

OUTSTANDING PERFORMANCE RESULTS

15-60ML PER KIT

PROCESS 15-120ML PER CYCLE

KIT COMPONENTS

2-MINI SEPARATOR TUBES

2-60ML SYRINGE

1-MINI SEQUESTER LINE

1- BLOOD DRAW KIT

2-12ML SYRINGE

1-18GAUGE NEEDLE

3. GenesisCS Component Concentrating System

SKU: GS60



Product Details

GenesisCS Component Concentrating System is the New Gold Standard for blood component concentrating systems. With its patented siphoning technology, GenesisCS concentrates platelets, leukocytes and stem cells with consistent yields beyond 65%. GenesisCS is made of materials that cause no activation during processing assuring the most viable product for application. GenesisCS can process your final product on the surgical field after centrifugation. This single feature eliminates transfer contamination which can occur when the circulating nurse transfers plasma cell concentrate from a syringe into a sterile specimen cup on the surgical field. This feature also allow the components to remain separated out in the blood, in its native pH, until you are ready for application

PRODUCT HIGHLIGHTS

VARIABLE VOLUMES PRODUCING HIGH CONCENTRATIONS AND PLATELET YIELDS

15 MINUTE SINGLE SPIN

TWO STERILE BARRIER ENTRIES (LEAST OF ALL SYSTEMS)

ZERO BRAKING (OPTIMIZES SEPARATION)

CLOSED SYSTEM PROCESSING (MAINTAINS STERILITY)

HIGHLY CONSISTENT & REPRODUCIBLE RESULTS

MAXIMUM CONTROL AT YOUR FINGER TIPS

OUTSTANDING PERFORMANCE RESULTS

PROCESS 30-240ML PER CYCLE

KIT COMPONENTS

1-SEPARATOR TUBE

1-BLOOD DRAW KIT

2-60ML SYRINGE

1-SEQUESTER LINE

2-12ML SYRINGE

1-18GAUGE NEEDLE

4. GenesisCS Pilot Automated Aspirating System

SKU: PL120



Automated Aspiration using built-in buffycoat sensors and a disposable sequester line. High platelet and bone marrow aspirate concentrations with a 71% reduction in red cell content.

Product Details

The GenesisCS PILOT Automated Aspirating System is the newest innovation for the GenesisCS Concentrating System. It is designed to remove the user variability during processing. The PILOT Automated Aspirating System is equipped with built-in sensors that are designed to isolate the concentrated platelets and bone marrow concentrate from the separated autologous sample. The PILOT Automated Aspiration System allows the GenesisCS Concentrating System to provide the most consistent outcomes in a PRP and BMA sample. Dependability has come to platelet and BMA concentrating without lifting a finger to aspirate or attempting to judge the location of the blood plasma interface. Just start it and forget it. The PILOT Automated Aspirating System makes the most versatile concentrating system simpler and more predictable.

5. QuickDRAW Delivery System

SKU: QD11-1



QuickDRAW Delivery System. Dual Chamber Delivery System with Simultaneous Loading and Delivery. NO ASSEMBLY REQUIRED.

Product Details

A medication is only good when taken appropriately and so is a therapy only effective when properly delivered. With this in mind, EmCyte Corporation has developed its most innovative and practical device ever, the QuickDraw Delivery System. The QuickDraw Delivery System is an 11:1 combination irrigation system that allows the clinician to simultaneously load and apply product without assembly or mess. Unlike conventional delivery systems, the QuickDraw Delivery System is a single device designed for repeated use without the frustration or confusion of product assembly, unmatched parts or user assembly malfunctions. The QuickDraw's patented design combines a dual chamber system with directional valves allowing the clinician to simultaneously load their product and deliver it through a standard needle or luer tip of choice.

The QuickDraw Delivery System is equipped with a proprietary pressure sensitive tip specially designed using Deep Concave Technology (DCT) to stream or spray irrigant without clogging. Deep Concave Technology is the basis for irrigation of choice, giving the clinician maximal functionality at their finger tips. The QuickDraw was also designed to be adapted to standard luer attachments to maximize use and application initiatives. EmCyte Corporation has once again changed the conversation on innovative ideas for our generation.

Features:

Dual Chamber Technology with 11:1 ratio

Directional Valve System

Simultaneous Loading

No Assembly Required

Deep Concave Technology (DCT)

Interchangeable Luer Tips Connections

6. GenesisCS Tube Holder

SKU: TH02



Product Details

Stabilize the aspiration process with the proprietary GenesisCS Tube Holder System. Improve the product performance and minimize mistakes.